International
Childhood Cancer
Cohort Consortium

Welcome to the third newsletter from the I4C International Data Coordinating Centre (IDCC). This newsletter provides I4C members and stakeholders with an update on progress and latest news.

Data Pooling:

Since the previous newsletter in July, the IDCC received data from the Danish National Birth Cohort (DNBC) and the Norwegian Mother and Child Cohort (MoBa) to add to the existing pool. This data on live births are representative of the total 96,841 from

DNBC and 108,487 from MoBa. In addition, the cohorts contribute an additional 257 cases of childhood cancer to the existing pool.

900.000

800,000

700,000

600,000

500,000

400,000

300,000

200,000

100,000

50,000

I4C Barcelona Workshop A Success:

The Barcelona workshop was a successful meeting attracting about 50 participants from around the world. In addition to our I4C members, we were pleased to welcome representatives from some of the new cohorts such as the Japan Environmental Children's Study (JECS), the Chinese CDC and the new German cohort as well as representatives of the CLIC consortium and WHO.

Presentations and posters from the Barcelona workshop are available at the NIH-I4C portal at https://communities.nci.nih.gov/i4c/default.aspx

New Clinical Working Group:

Discussions at the workshop indicated the need for a working group that would focus on the classification of clinical end points. The new working group will be led by Joshua Schiffman, Assistant Professor of the Oncological Sciences Branch at the Department of Paediatrics at the University of Utah.

Working Group:

Updates on the progress of the I4C Working Groups can be found at the portal. If you have not registered your interest in

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As of December 2011, our total data for pooling represents 379,993 mother and babies, 528 childhood cancer cases, of which 171 are leukaemias and 134 ALL. I4C cohort data received at the IDCC in live births:

- Avon Longitudinal Study of Parents and Children (ALSPAC):14,062
- Collaborative Perinatal Project (CPP): 58,000
- Danish National Birth Cohort (DNBC): 96,841
- Jerusalem Perinatal Study (JPS): 92,408
- Norwegian Mother and Child Cohort (MoBa): 108,487
- Tasmanian Infant Health Survey (TIHS): 10,628

Pooled datasets of common variables are being developed for use in the approved working group hypotheses.

participating in a working group please contact those leading the working group or Gabriella Tikellis at the IDCC.

Next I4C Global Meeting:

The next I4C Global meeting will be hosted by the International Agency for Research on Cancer (IARC) in Lyon, France in the later part of 2012. Dates are currently being discussed by the I4C Steering Committee. Details will be posted on the NIH-I4C portal as they become available.



Japan's Environment and Children's Study (JECS) Join I4C:

Japan's Environment and Children's Study has formally joined the I4C. The study plans to recruit 100,000 pregnant mothers across 15 centres over a three year period that began in January 2011. Follow-up programs will be implemented until children reach the age of 13. The study will collect environmental data through questionnaires and various biospecimens. Should you have any questions with regards to the JECS study please visit http://www.env.go.jp/en/chemi/hs/jecs/ or email hoken-risuku@env.go.jp.

The I4C-NIH Portal:

The NIH-I4C portal is now login free and allows open access to materials and information relating to the majority of I4C

Ning Wang Visits the IDCC and the Murdoch Childrens Research Institute (MCRI):



Ning Wang from
China CDC will be
at the MCRI for the
next six months as
a Laurie Cox
Fellowship
recipient.

Ning is working on the follow-up of the China BDSS participants and the new China Children and Family Cohort Study (CFCS) that is to recruit 300,000 participants. The Piloting of the China

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activities and documents.

The portal is currently undergoing further development with the aim of creating an I4C resource and information centre. This development includes the set up of an area specific for each of the I4C working groups and access to workshop presentations and minutes. The use of the Calendar utility will also be increased as a means of providing all I4C members with dates and times for upcoming teleconferences.

There will be a restricted area for documents or information that has yet to be approved by the Steering Committee. This area will be restricted to Steering Committee members and those leading the Working Groups.

We recommend that you visit the portal to familiarize yourself with how it works and what is available. Any comments or suggestions on how to better improve the portal can be directed to Gabriella Tikellis (gabriella.tikellis@mcri.edu.au).

BDSS is supported by the NIH National Cancer Institute, the US Centre for Disease Control (CDC) and China CDC. She will spend her time working with the Barwon Infant Study, the I4C and i3C (International Childhood Cardiovascular Cohort Consortium) as well as other training opportunities through the institute.

New Research Initiatives

Do you have a research question that you would like to pursue through the I4C?

Approval for new research questions is provided by the I4C Steering Committee which includes representatives of the participating cohorts. Submissions can be made by complete the Concept Proposal Form located in the appendix on page 18 of the I4C Policy and Procedures Manual and email it to a Steering Committee member.

If you wish to have preliminary discussions about a new initiative please contact Terry Dwyer Chair of the Steering Committee on terry.dwyer@mcri.edu.au.

On Behalf of the I4C IDCC, we thank you all for your contribution and support in 2011. Best wishes for 2012 and we look forward to working with you in the New Year as we continue the important research of the I4C.

